

**DECLARATION AND POWER OF ATTORNEY
UNDER 35 USC §371(c)(4) FOR
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that:

my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: EXTREME ULTRAVIOLET LIGHT SOURCE AND
EXTREME ULTRAVIOLET LIGHT SOURCE TARGET

described and claimed in international application number PCT/JP03/16947 filed December 26, 2003.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed by me or my legal representatives or assigns within one year prior to my international application are hereby claimed:

Japanese Patent Application No. 2003-085584 filed March 26, 2003

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

NONE

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;
Mario A. Costantino, Reg. No. 33,565; Stephen J. Roe, Reg. No. 34,463;
Joel S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;
Richard E. Rice, Reg. No. 31,560; and Paul Tsou, Reg. No. 37,956.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of Sole or First Inventor	Keiji	NAGAI
		Given Name	Family Name
2	Inventor's Signature:	<u>Keiji</u>	<u>NAGAI</u>
3	Date of Signature:	<u>Feb</u>	<u>2004</u>
		Month	Year
	Residence:	<u>Suita</u>	<u>Osaka</u>
		City	Country
	Citizenship:	<u>Japanese</u>	
	Post Office Address:	<u>c/o Institute of Laser Engineering, Osaka University</u>	
	(Insert complete mailing address, including country)	<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>	

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

(Discard this page in a sole inventor application)

1 **Typewritten Full Name**
of Joint Inventor

2 **Inventor's Signature:**

3 **Date of Signature:**

Residence:

Citizenship:

Masahiro
Given Name Middle Initial Family Name
NAKATSUKA

M. Nakatsu

Feb. 06 2004
Month Day Year

Suita Osaka JAPAN
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1 **Typewritten Full Name**
of Joint Inventor

2 **Inventor's Signature:**

3 **Date of Signature:**

Residence:

Citizenship:

Yasukazu
Given Name Middle Initial Family Name
IZAWA

Y. Izawa

Feb. 9 2004
Month Day Year

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1 **Typewritten Full Name**
of Joint Inventor

2 **Inventor's Signature:**

3 **Date of Signature:**

Residence:

Citizenship:

Tatsuhiko
Given Name Middle Initial Family Name
YAMANAKA

山手龍彦

Jan. 30 2004
Month Day Year

Suita Osaka JAPAN
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2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

1 **Typewritten Full Name**
of Joint Inventor

2 **Inventor's Signature:**

3 **Date of Signature:**

Residence:

Citizenship:

Mitsuo
Given Name Middle Initial Family Name
NAKAI

中井光男

Feb. 5 2004
Month Day Year

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1 **Typewritten Full Name**
of Joint Inventor

Keisuke		SHIGEMORI
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 重 森 隆 介

3 **Date of Signature:** Feb 5, 2004

Month	Day	Year
Suita	Osaka	JAPAN
City	State or Province	Country

Residence:

Citizenship: Japanese

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1 **Typewritten Full Name**
of Joint Inventor

Masakatsu		NURAKAMI
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 村上 匡 且

3 **Date of Signature:** 2004. 1. 26

Month	Day	Year
Suita	Osaka	JAPAN
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Residence:

Citizenship: Japanese

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1 **Typewritten Full Name**
of Joint Inventor

Yoshinori		SHIMADA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 島 田 義 則

3 **Date of Signature:** Jan, 28, 2004

Month	Day	Year
Osaka	Osaka	JAPAN
City	State or Province	Country

Residence:

Citizenship: Japanese

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1 **Typewritten Full Name**
of Joint Inventor

Shigeaki		UCHIDA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 内 田 成 明

3 **Date of Signature:** c2 c6 2004

Month	Day	Year
Osaka	Osaka	JAPAN
City	State or Province	Country

Residence:

Citizenship: Japanese

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1 **Typewritten Full Name of Joint Inventor**

Hiroyuki		FURUKAWA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 古河 裕之

3 **Date of Signature:** 02 06 2004

Month	Day	Year
-------	-----	------

Residence: Osaka Osaka JAPAN

City	State or Province	Country
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Citizenship: Japanese

Post Office Address:

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1 **Typewritten Full Name of Joint Inventor**

Atsushi		SUNAHARA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 砂原 淳

3 **Date of Signature:** 01 26 2004

Month	Day	Year
-------	-----	------

Residence: Osaka Osaka JAPAN

City	State or Province	Country
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Citizenship: Japanese

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1 **Typewritten Full Name of Joint Inventor**

Vasilli		ZHAKHOVSKI
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** [Signature]

3 **Date of Signature:** Feb 6 2004

Month	Day	Year
-------	-----	------

Residence: Osaka Osaka JAPAN

City	State or Province	Country
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Citizenship: Russian

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(Insert complete mailing address, including country) 1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN

1 **Typewritten Full Name of Joint Inventor**

Ryouji		MATSUI
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:** 松井 亮二

3 **Date of Signature:** Jan. 26. 2004

Month	Day	Year
-------	-----	------

Residence: Suita Osaka JAPAN

City	State or Province	Country
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Citizenship: Japanese

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10/28/05

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Mario A. Costantino, Reg. No. 33,565; Stephen J. Rice, Reg. No. 34,463;
Jed S. Armstrong, Reg. No. 36,430; Christopher W. Brown, Reg. No. 38,025;
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1	<i>Typewritten Full Name of Sole or First Inventor</i>	<u>Kelji</u>		
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	<u>NAGAI</u>		
3	Date of Signature:	_____		
		Month	Day	Year
	Residence:	<u>Suita</u>	<u>Osaka</u>	<u>JAPAN</u>
		City	State or Province	Country
	Citizenship:	<u>Japanese</u>		
	Post Office Address:	_____		
		<u>c/o Institute of Laser Engineering, Osaka University</u>		
	(Insert complete mailing address, including country)	_____		
		<u>2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN</u>		

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(Discard this page in a sole inventor application)

1 **Typewritten Full Name of Joint Inventor**

Hiroaki		NISHIMURA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

Month	Day	Year

Residence:

Suita	Osaka	JAPAN
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1 **Typewritten Full Name of Joint Inventor**

Takayoshi		NORIMATSU
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

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Residence:

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1 **Typewritten Full Name of Joint Inventor**

Katsunobu		NISHIHARA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

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Residence:

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1 **Typewritten Full Name of Joint Inventor**

Noriaki		MIYANAGA
Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

Month	Day	Year

Residence:

Suita	Osaka	JAPAN
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1	Typewritten Full Name of Joint Inventor	<u>Masahiro</u>	<u></u>	<u>NAKATSUKA</u>
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	<hr/>		
3	Date of Signature:	<hr/>		
		Month	Day	Year
Residence:	<u>Suita</u>	<u>Osaka</u>	<u>JAPAN</u>	
	City	State or Province	Country	
Citizenship:	<u>Japanese</u>			
	Post Office Address:			
		<u>c/o Institute of Laser Engineering, Osaka University</u>		
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1	Typewritten Full Name of Joint Inventor	<u>Yasukazu</u>	<u></u>	<u>IZAWA</u>
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	<hr/>		
3	Date of Signature:	<hr/>		
		Month	Day	Year
Residence:	<u>Suita</u>	<u>Osaka</u>	<u>JAPAN</u>	
	City	State or Province	Country	
Citizenship:	<u>Japanese</u>			
	Post Office Address:			
		<u>c/o Institute of Laser Engineering, Osaka University</u>		
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1	Typewritten Full Name of Joint Inventor	<u>Tatsuhiko</u>	<u></u>	<u>YAMANAKA</u>
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	<hr/>		
3	Date of Signature:	<hr/>		
		Month	Day	Year
Residence:	<u>Suita</u>	<u>Osaka</u>	<u>JAPAN</u>	
	City	State or Province	Country	
Citizenship:	<u>Japanese</u>			
	Post Office Address:			
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1	Typewritten Full Name of Joint Inventor	<u>Mitsuo</u>	<u></u>	<u>NAKAI</u>
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	<hr/>		
3	Date of Signature:	<hr/>		
		Month	Day	Year
Residence:	<u>Suita</u>	<u>Osaka</u>	<u>JAPAN</u>	
	City	State or Province	Country	
Citizenship:	<u>Japanese</u>			
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1	Typewritten Full Name of Joint Inventor	Masakatsu		MURAKAMI
		Given Name	Middle Initial	Family Name
2	Inventor's Signature:	<i>Masakatsu</i>		<i>Murakami</i>
3	Date of Signature:	9	30	2005
		Month	Day	Year
	Residence:	Suita	Osaka	JAPAN
		City	State or Province	Country
	Citizenship:	Japanese		
	Post Office Address:	c/o Institute of Laser Engineering, Osaka University		
	(Insert complete mailing address, including country)	2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN		

1	Typewritten Full Name of Joint Inventor <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Yoshinori SHIMADA</div>	
2	Inventor's Signature: <div style="border-bottom: 1px solid black; height: 40px; width: 100%;"></div>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <div style="display: flex; justify-content: space-between;"> Given Name Middle Initial Family Name </div> </div>
3	Date of Signature: <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <div style="display: flex; justify-content: space-between;"> Month Day Year </div> </div>	
	Residence: <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <div style="display: flex; justify-content: space-between;"> Osaka Osaka JAPAN </div> </div>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <div style="display: flex; justify-content: space-between;"> City State or Province Country </div> </div>
	Citizenship: <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Japanese</div>	
	Post Office Address: <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <div style="display: flex; justify-content: space-between;"> c/o Institute for Laser Technology </div> </div>	
	<div style="display: flex; justify-content: space-between;"> <div> (Insert complete mailing address, including country) </div> <div> 1-8-4 Utsubo Honmachi Nishiku Osaka, Osaka 550-0004, JAPAN </div> </div>	

1	Typewritten Full Name of Joint Inventor	Shigeaki UCHIDA		
2	Inventor's Signature:	Given Name	Middle Initial	Family Name
3	Date of Signature:			
		Month	Day	Year
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		City	State or Province	Country
	Citizenship:	Japanese		
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1 **Typewritten Full Name of Joint Inventor**

	<u>Hiroyuki</u>	<u></u>	<u>FURUKAWA</u>
	Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

	<u>Month</u>	<u>Day</u>	<u>Year</u>
Residence:	<u>Osaka</u>	<u>Osaka</u>	<u>JAPAN</u>
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1 **Typewritten Full Name of Joint Inventor**

	<u>Atsushi</u>	<u></u>	<u>SUNAHARA</u>
	Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

	<u>Month</u>	<u>Day</u>	<u>Year</u>
Residence:	<u>Osaka</u>	<u>Osaka</u>	<u>JAPAN</u>
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1 **Typewritten Full Name of Joint Inventor**

	<u>Vasilli</u>	<u></u>	<u>ZHAKHOVSKI</u>
	Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

	<u>Month</u>	<u>Day</u>	<u>Year</u>
Residence:	<u>Osaka</u>	<u>Osaka</u>	<u>JAPAN</u>
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1 **Typewritten Full Name of Joint Inventor**

	<u>Ryouji</u>	<u></u>	<u>MATSUI</u>
	Given Name	Middle Initial	Family Name

2 **Inventor's Signature:**

3 **Date of Signature:**

	<u>Month</u>	<u>Day</u>	<u>Year</u>
Residence:	<u>Suita</u>	<u>Osaka</u>	<u>JAPAN</u>
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1 **Typewritten Full Name
of Joint Inventor** Takahiro HIBINO
Given Name Middle Initial Family Name

2 **Inventor's Signature:** _____

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Residence: Suita Osaka JAPAN
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1 **Typewritten Full Name
of Joint Inventor** Tomoharu OKUNO
Given Name Middle Initial Family Name

2 **Inventor's Signature:** _____

3 **Date of Signature:** _____

Residence: Suita Osaka JAPAN
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Post Office Address: c/o Graduate School of Engineering, Osaka University
(Insert complete mailing address, including country) 2-6 Yamada-oka Suita, Osaka 565-0871, JAPAN

Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.

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